MINISTRY OF EDUCATION, CULTURE AND RESEARCH OF REPUBLIC OF MOLDOVA

TECHNICAL UNIVERSITY OF MOLDOVA

FACULTY OF COMPUTERS, INFORMATICS AND MICROELECTRONICS

DEPARTMENT OF SOFTWARE ENGINEERING AND AUTOMATICS

PW Lab1. Learn CSS and HTML

Project report

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Abstract

Imagine, you're a frontend developer at TastyFood Inc., a startup from Silicon Valley. Your company creates best-in-class landing pages for stores of all sizes across the globe. One day you receive the following e-mail from your boss.

"' Hi, my dear employee!

As you may know, we have signed a new contract! And guess who – your favorite grocery store! We've promised them we'll deliver the first demo of landing page by the end of the month. Please prepare some HTMLs and CSSs by that time.

Cheers, Your lovely boss. ¡3 "'

The next day the designer sends you the design and you start working on the landing page.

Content

Introduction

Your task for this lab is:

- Download the design as PSD file from [Freepik](https://www.freepik.com/free-psd/grocery-delivery-service-web-template17734553.htm);

- Extract images as JPG files using [Aspose](https://products.aspose.app/psd/extract) or similiar tools.

- Copy 'index.html', 'reset.css' and 'style.css' to your repo;

- Update 'index.html' and 'style.css', so that the page looks similar to the design from PSD file.

Link to Git repo: `https://github.com/siorkis/PW/tree/main/lab1`

Work

I used HTML and CSS during this lab assignment to ensure the final product complied as closely as possible with the supplied mockup. I also improved my understanding of and proficiency with HTML and CSS. Except for the bonus job, I completed every task.

0.1 Groceries On the go.

HTML code:

```
<div class="MainContainer">
 <div class="MainInfo1">
 <div class="MainTitle">
 Groceries On the Go.
 </div>
 <div class="MainText">
 Bluu Grocer Mart propises qualityfood products thet are ethically sourced, fresh an
 </div>
 <div class="MainButtons">
 <div class="ShopBtn">Shop Now</div>
 <div class="LearnBtn">Learn More</div>

 </div>
 </div>

 <div class="MainSide">
 Quality Products, Made Everyday
 </div>

</div>
```

CSS code:

```
*/
.MainContainer {
background-image: url(../lab1/src/img/main_bag.png);
background-size: cover;
```

```css
width: 100vw;

display: flex;

justify-content: space-between;

align-items: center;

height: 53vw;

}


.MainInfo1{

max-width: 40%;

display: flex;

flex-direction: column;

margin-left: 6vw;

align-items: center;

}


.MainTitle{

color: #FF5349;

font-size: 6vw;

text-align: center;

}


.MainText{

font-size: 1vw;

max-width: 80%;

text-align: center;

}


.MainButtons{

display: flex;

justify-content: space-between;

width: 18vw;

margin-top: 1.5vw;

}
```

```css
.ShopBtn{
background-color: #FF5349;
color: #e0d2c3;
border-radius: 20px;
width: 8vw;
height: 1.5vw;
display: flex;
align-items: center;
justify-content: center;
border: 2px solid black;
}


.LearnBtn{
color: #FF5349;
border-radius: 20px;
width: 8vw;
height: 1.5vw;
display: flex;
align-items: center;
justify-content: center;
border: 2px solid black;
}


.MainSide{
transform: rotate(90deg);
margin-top: -2vw;
color: #e0d2c3;
font-size: 3vw;
}
```

0.2 Locally sourced block.

HTML code:

```html
<div class="ItemsToBuyContainer">
  <div class="MainBuy">
```

```
<div class="TitleBuy">
Made Simple
</div>


<div class="MainTetxBuy">
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor inci
</div>
</div>




<div class="ItemsProducts">


<div>
<div class="ItemProduct">
<img src="../lab1/src/img/pear.png">
</div>
<div class="ItemInfo">
<div>
<div class="ItemName">
Product Name
</div>


<div class="ItemPrice">
$000.00
</div>
</div>
<div class="ItemBtn">
Add to cart
</div>


</div>
```

```
</div>

<div>
<div class="ItemProduct">
<img src="../lab1/src/img/pineapple.png">

</div>
<div class="ItemInfo">
<div>
<div class="ItemName">
Product Name
</div>

<div class="ItemPrice">
$000.00
</div>
</div>
<div class="ItemBtn">
Add to cart
</div>

</div>
</div>

<div>
<div class="ItemProduct">
<img src="../lab1/src/img/lime.png">


</div>
<div class="ItemInfo">
<div>
<div class="ItemName">
Product Name
```

```
                </div>

                <div class="ItemPrice">
                $000.00
                </div>
                </div>
                <div class="ItemBtn">
                Add to cart
                </div>


                </div>
                </div>


                </div>


        </div>
```

CSS code:

```
.ItemsToBuyContainer {
background-image: url(../lab1/src/img/buy_main.png);
background-size: cover;
width: 100vw;
display: flex;


align-items: center;
height: 53vw;
flex-direction: column;
}


.MainBuy{
width: 100vw;
display: flex;
align-items: center;
justify-content: center;
```

```css
flex-direction: column;
}


.TitleBuy{
color: #FF5349;
font-size: 9vw;
text-align: center;
}


.MainTetxBuy{
color: black;
margin-top: 2vw;
font-size: 1.25vw;
text-align: center;
width: 40vw;
}


.ItemsProducts{
margin-top: 2vw;
width: 70vw;
display: flex;
justify-content: space-between;
}


.ItemProduct{
width: 20vw;
height: 20vw;
border: 3px solid black;
border-radius: 25px;
display: flex;
justify-content: center;
align-items: center;
}
```

```css
.ItemProduct img {
width: 7vw;
}




.ItemInfo {
margin-top: 1vw;
display: flex;
justify-content: space-between;
}


.ItemName {
font-weight: bold;

}


.ItemPrice {
color: #FF5349;
}


.ItemBtn {
background-color: #FF5349;
border-radius: 20px;
height: 2.5vw;
width: 8vw;
display: flex;
justify-content: center;
align-items: center;
color: white;
border: 2px solid black;
}
```

0.3 Simple block.

HTML code:

```html
<div class="PromiseContainer">
  <div class="PromiseHead">
  OUR PROMISE
  </div>


  <div class="PromiseTitle">
  Locally sourced products.
  </div>


  <div class="PromiseMain">
  Bluu Grocer Mart propises qualityfood products thet are ethically sourced, fresh ar
  </div>


  <div class="PromiseBtn">
  Learn More
  </div>


</div>
```

CSS code:

```css
.PromiseContainer {
background-image: url(../lab1/src/img/promise_main.png);
background-size: cover;
width: 100vw;
display: flex;
align-items: center;
height: 45vw;
flex-direction: column;
}


.PromiseHead {
```

```css
color: black;
text-align: center;
margin-top: 2vw;
font-size: 4vw;
margin-top: 3vw;
}


.PromiseTitle {
color: white;
font-size: 8vw;
margin-top: 2vw;
width: 70vw;
text-align: center;
}


.PromiseMain {
color: white;
margin-top: 4vw;
font-size: 1vw;
width: 30vw;
text-align: center;
}


.PromiseBtn {
background-color: white;
color: #FF5349;
border-radius: 15px;
height: 2.5vw;
width: 8vw;
margin-top: 3vw;
display: flex;
justify-content: center;
align-items: center;
```

```
border: 2px solid black;
}
```

0.4 FAQS block.

HTML code:

```
<div class="FaqsContainer">

 <div class="FaqTitle">
 FAQs
 </div>

 <div class="Questions">
 <div class="Question">
 Do you accept credit payment?
 <div>+</div>
 </div>

 <div class="Question">
 What's your refund policy?
 <div>+</div>
 </div>

 <div class="Question">
 How do deliveries work?
 <div>+</div>
 </div>

 <div class="Question">
 Do you offer contactless deliveries?
 <div>+</div>
 </div>
 </div>
```

```
    </div>
```

CSS code:

```css
.FaqsContainer {
background-image: url(../lab1/src/img/faqs_main.png);
background-size: cover;
width: 100vw;
display: flex;
flex-direction: column;
height: 45vw;
}


.FaqTitle {
color: white;
font-size: 8vw;
margin-top: 2vw;
margin-left: 15vw;
}


.Questions {
margin-left: 15vw;
margin-top: 3vw;

}


.Question {
color: white;
display: flex;
justify-content: space-between;
margin-top: 1vw;
font-size: 1.5vw;
```

```
width: 40%;
}


.Question::after {
position: absolute;
width: 37%;
margin-top: 2vw;
height: 1.5px;
background-color: white;
content: '';
}
```

Bibliography

[1] W3Schools *Google*, https://www.w3schools.com/css/default.asp